



Caltech and U. S. Geological Survey Present



Earthquake Awareness Event ***Open to the Public***

Saturday, January 17, 2004

9 AM to 3:30 PM

At Beckman Auditorium on the Caltech Campus

Lectures, movies, displays and activities for the whole family about earthquakes!

Just years ago Los Angeles was shaken awake by the Northridge earthquake and seismologists at Caltech and the USGS are still shaking things up with ground breaking research and state of the art technology to better understand earthquakes and their effects..... Feel more comfortable living in earthquake country

Lecture Series – “Understanding Earthquakes in Southern California”

9:00am **Opening remarks**

9:15 to 10:45 Morning Session

"How Do We Respond to Earthquakes?"

"How do earthquakes look from space?"

"How Have We Made our Homes Safe?"

- Dr. Kate Hutton, Staff Seismologist at Caltech
- Dr. Mark Simons, Assoc. Professor of Geophysics, Caltech
- Dr. John Hall, Civil Engineering, Caltech

11:00 to 12:30 Mid Morning Session

"Can We Predict Earthquakes Yet?"

"Why Did the Ground Shake So Hard?"

"Will high rise buildings collapse?"

- Dr. Lucy Jones, USGS Scientist-in-Charge, Seismic Safety Comm.
- Dr. Jeroen Tromp, Director of the Caltech Seismology Lab
- Dr. Tom Heaton, Seismology/Civil Engineering, Caltech

1:00 to 2:30 Early Afternoon Session

"Where and What are the Faults in Southern California?"


"Can We Catch Quakes with New Technology?"

"How do we use GPS to study earthquakes?"

- Dr. Kerry Sieh, Professor of Geology, Caltech
- Dr. Egill Hauksson, Sr. Research Assoc., Caltech
- Dr. Ken Hudnut, Geophysics, USGS

2:45 to 3:30 Mid Afternoon Session – “Ask the Experts” – Moderator, Jack Popejoy, KFWB

Panel : Jeroen Tromp, Lucy Jones, Tom Heaton and John Hall

Earthquake Movies and Activities:	Exhibitors include:
<p>"Earthquakes in Space" video</p> <p>"Written in Stone: Earthquake Country – Los Angeles" movie</p> <p>"Seismic Sleuths" educational video</p> <p>Fault Rupture animations</p> <p>Working Seismographs</p> <p>History of California's Earthquakes</p> <p>CGS Earthquake Fault Zones and Hazards Maps</p> <p>Earthquake Kid Zone Display</p> <p>GPS models and movies</p> <p>Earthquake Safety Displays and Activities</p> 	<p>California Geological Survey (CGS), Federal Emergency Mgmt. Agency(FEMA), Pasadena Fire Department, American Red Cross, Seismic Safety Commission, Southern California Earthquake Center, Office of Emergency Services, Southern California Edison, Earthquake Engineering Research Institute, California State University at Northridge, University of California, Los Angeles</p>

Information: Wendy Shindle, USGS, 626/583-6801 or Margaret Vinci, Caltech, 626/395-3298

Pasadena.wr.usgs.gov/info/nr1

In Partnership with the Earthquake Country Alliance

<http://www.earthquakecountry.info/alliance>